

10961 U.S. PTO

03-19-01

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PTO/SB/05 (11-00)

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications  
under 37 CFR 1.53(b))

|                        |   |
|------------------------|---|
| Attorney Docket No.    | 660088.420D3  |
| First Inventor         | Christen M. Anderson                                      |
| Title                  | PRODUCTION OF ADENINE<br>NUCLEOTIDE TRANSLATOR (ANT), ... |
| Express Mail Label No. | EL773171172US   |

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 138]  
(preferred arrangement set forth below)  
- Descriptive title of the Invention  
- Cross Reference to Related Applications  
- Statement Regarding Fed sponsored R & D  
- Reference to sequence listing, a table,  
or a computer program listing appendix  
- Background of the Invention  
- Brief Summary of the Invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 19]
5. ☒ Oath or Declaration [Total Sheets 3]  
a. ☒ Newly executed (original or copy)  
b. ☒ Copy from a prior application (37 CFR 1.63 (d))  
(for a continuation/divisional with Box 18 completed)  
i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in  
the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)
8. ☒ Nucleotide and/or Amino Acid Sequence  
Submission (if applicable, all necessary)  
a. ☒ Computer Readable Form (CRF)  
b. ☐ Specification Sequence Listing on:  
i. ☐ CD-ROM or CD-R (2 copies); or  
ii. ☒ paper  
c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement of Power of  
(when there is an assignee) Attorney
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure  
Statement (IDS)/PTO-1449 Copies of IDS  
Citations
13. ☒ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
Should be specifically itemized
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C.  
Applicant must attach form 122(b)(2)(B)(i).  
PTO/SB/35 or its equivalent.
17. ☒ Other: Check  
Copy of Election and Power of Attorney  
Copy of Assignment

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP) ☒ of prior application No. 09/393,441  
Prior application information Examiner Holly Schnizer, Ph.D. Group Art Unit: 1653

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

|  |                            |                                      |   |         |  |                  |  |         |  |           |     |                                      |  |
|--|----------------------------|--------------------------------------|---|---------|--|------------------|--|---------|--|-----------|-----|--------------------------------------|--|
| Correspondence address below   |                            | or:                                  | <input checked="" type="checkbox"/> Customer Number or Bar Code Label |         |  |                  |  |         |  |           |     |                                      |  |
| <table border="1"> <tr><td>Firm Name</td><td></td></tr> <tr><td>Address</td><td></td></tr> <tr><td>City, State, Zip</td><td></td></tr> <tr><td>Country</td><td></td></tr> <tr><td>Telephone</td><td>Fax</td></tr> </table> |                            | Firm Name                            |   | Address |  | City, State, Zip |  | Country |  | Telephone | Fax | <br>00500<br>PATENT TRADEMARK OFFICE |  |
| Firm Name  |                            |                                      |   |         |  |                  |  |         |  |           |     |                                      |  |
| Address  |                            |                                      |   |         |  |                  |  |         |  |           |     |                                      |  |
| City, State, Zip   |                            |                                      |   |         |  |                  |  |         |  |           |     |                                      |  |
| Country  |                            |                                      |   |         |  |                  |  |         |  |           |     |                                      |  |
| Telephone  | Fax                        |                                      |   |         |  |                  |  |         |  |           |     |                                      |  |
| Name (Print/Type)  | Stephen J. Rosenman, Ph.D. | Registration No.<br>(Attorney/Agent) | 43,058  |         |  |                  |  |         |  |           |     |                                      |  |
| Signature  | <i>Stephen J. Rosenman</i> | Date                                 | 3/14/01   |         |  |                  |  |         |  |           |     |                                      |  |

Burden Hour Statement: This form is estimated to take 2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231

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03/14/01

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**FEE TRANSMITTAL  
for FY 2001**

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) **1,178**

Application Number \_\_\_\_\_  
 Filing Date **March 14, 2001**  
 First Named Inventor **Christen M. Anderson**  
 Examiner Name \_\_\_\_\_  
 Group Art Unit \_\_\_\_\_  
 Attorney Docket No **660088.420D3**

**METHOD OF PAYMENT**1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **19-1090**  
 Deposit Account Name **Seed Intellectual Property Law Group PLLC**

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17☐ Applicant claims small entity status See 37 CFR 1.272. ☒ Payment Enclosed.☒ Check ☐ Credit card ☐ Money Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

| Large Entity<br>Fee Code | Fee (\$) | Small Entity<br>Fee Code | Fee (\$) | Fee Description        | Fee Paid       |
|--------------------------|----------|--------------------------|----------|------------------------|----------------|
| 101                      | 710      | 201                      | 355      | Utility filing fee     | <b>710</b>     |
| 106                      | 320      | 206                      | 160      | Design filing fee      |                |
| 107                      | 490      | 207                      | 245      | Plant filing fee       |                |
| 108                      | 710      | 208                      | 355      | Reissue filing fee     |                |
| 114                      | 150      | 214                      | 75       | Provisional filing fee |                |
| SUBTOTAL (1)             |          |                          |          |                        | <b>(\$710)</b> |

**2. EXTRA CLAIM FEES**

| Total Claims                | Extra Claims | Fee from below | Fee Paid   |
|-----------------------------|--------------|----------------|------------|
| <b>31</b>                   | <b>11</b>    | <b>18</b>      | <b>198</b> |
| Independent Claims <b>2</b> |              |                |            |
| Multiple Dependent          |              | <b>270</b>     | <b>270</b> |

| Large Entity<br>Fee Code | Fee (\$) | Small Entity<br>Fee Code | Fee (\$) | Fee Description  |
|--------------------------|----------|--------------------------|----------|--|
| 103                      | 18       | 203                      | 9        | Claims in excess of 20                                     |
| 102                      | 80       | 202                      | 40       | Independent claims in excess of 3                          |
| 104                      | 270      | 204                      | 135      | Multiple dependent claim, if not paid                      |
| 109                      | 80       | 209                      | 40       | ** Reissue independent claims over original patent         |
| 110                      | 18       | 210                      | 9        | ** Reissue claims in excess of 20 and over original patent |
| SUBTOTAL (2)             |          |                          |          | <b>(\$468)</b>   |

\*\*or number previously paid, if greater, For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

| Large Entity<br>Fee Code          | Fee (\$) | Small Entity<br>Fee Code | Fee (\$) | Fee Description  | Fee Paid |
|-----------------------------------|----------|--------------------------|----------|--|----------|
| 105                               | 130      | 205                      | 65       | Surcharge - late filing fee or oath  |          |
| 127                               | 50       | 227                      | 25       | Surcharge - late provisional filing fee or cover sheet                     |          |
| 139                               | 130      | 139                      | 130      | Non-English specification  |          |
| 147                               | 2,520    | 147                      | 2,520    | For filing a request for ex parte reexamination                            |          |
| 112                               | 920*     | 112                      | 920*     | Requesting publication of SIR prior to Examiner action                     |          |
| 113                               | 1,840*   | 113                      | 1,840*   | Requesting publication of SIR after Examiner action                        |          |
| 115                               | 110      | 215                      | 55       | Extension for reply within first month                                     |          |
| 116                               | 390      | 216                      | 195      | Extension for reply within second month                                    |          |
| 117                               | 890      | 217                      | 445      | Extension for reply within third month                                     |          |
| 118                               | 1,360    | 218                      | 695      | Extension for reply within fourth month                                    |          |
| 128                               | 1,890    | 228                      | 945      | Extension for reply within fifth month                                     |          |
| 119                               | 310      | 219                      | 155      | Notice of Appeal   |          |
| 120                               | 310      | 220                      | 155      | Filing a brief in support of an appeal                                     |          |
| 121                               | 270      | 221                      | 135      | Request for oral hearing   |          |
| 136                               | 1,510    | 138                      | 1,510    | Petition to institute a public use proceeding                              |          |
| 140                               | 110      | 240                      | 55       | Petition to revive - unavoidable   |          |
| 141                               | 1,240    | 241                      | 620      | Petition to revive - unintentional   |          |
| 142                               | 1,240    | 242                      | 620      | Utility issue fee (or reissue)   |          |
| 143                               | 440      | 243                      | 220      | Design issue fee   |          |
| 144                               | 600      | 244                      | 300      | Plant issue fee  |          |
| 122                               | 130      | 122                      | 130      | Petitions to the Commissioner  |          |
| 123                               | 130      | 123                      | 130      | Petitions related to provisional applications                              |          |
| 126                               | 180      | 126                      | 180      | Submission of Information Disclosure Stmt                                  |          |
| 581                               | 40       | 581                      | 40       | Recording each patent assignment per property (times number of properties) |          |
| 146                               | 710      | 246                      | 355      | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 149                               | 710      | 249                      | 355      | For each additional invention to be examined (37 CFR § 1.129(b))           |          |
| 179                               | 710      | 279                      | 355      | Request for Continued Examination (RCE)                                    |          |
| 169                               | 900      | 169                      | 900      | Request for expedited examination of a design application                  |          |
| Other fee (specify) _____         |          |                          |          |  |          |
| *Reduced by Basic Filing Fee Paid |          |                          |          |  |          |
| SUBTOTAL (3) (\$00)               |          |                          |          |  |          |

**SUBMITTED BY**

Name (Print/Type) **Stephen J. Rosenman, Ph.D.** Registration No **43,058**  
 Firm Name/Address \_\_\_\_\_  
 Signature *Stephen J. Rosenman* Date **3/14/01**

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